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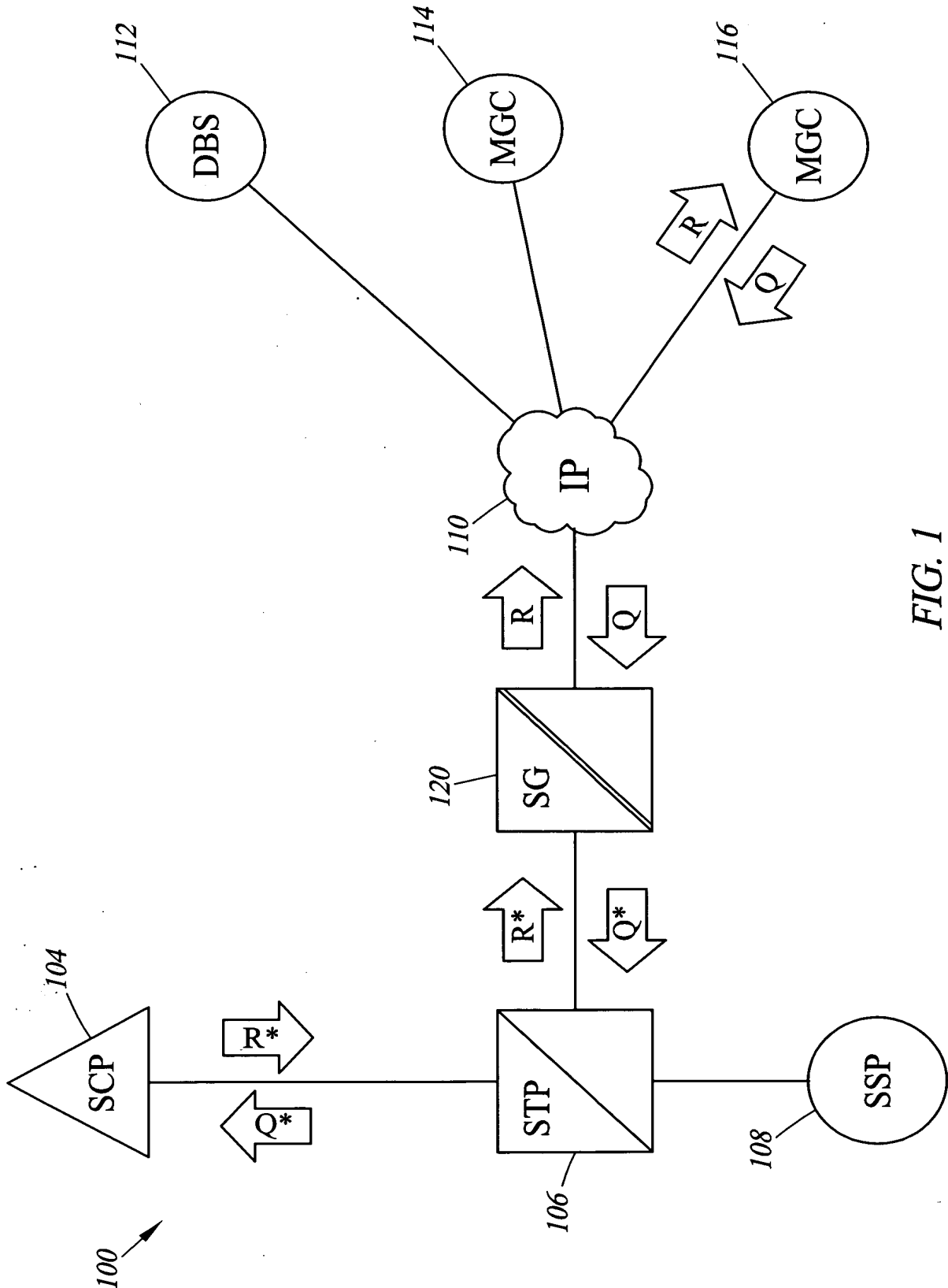


FIG. 1
(PRIOR ART)

FIG. 1 (PRIOR ART)

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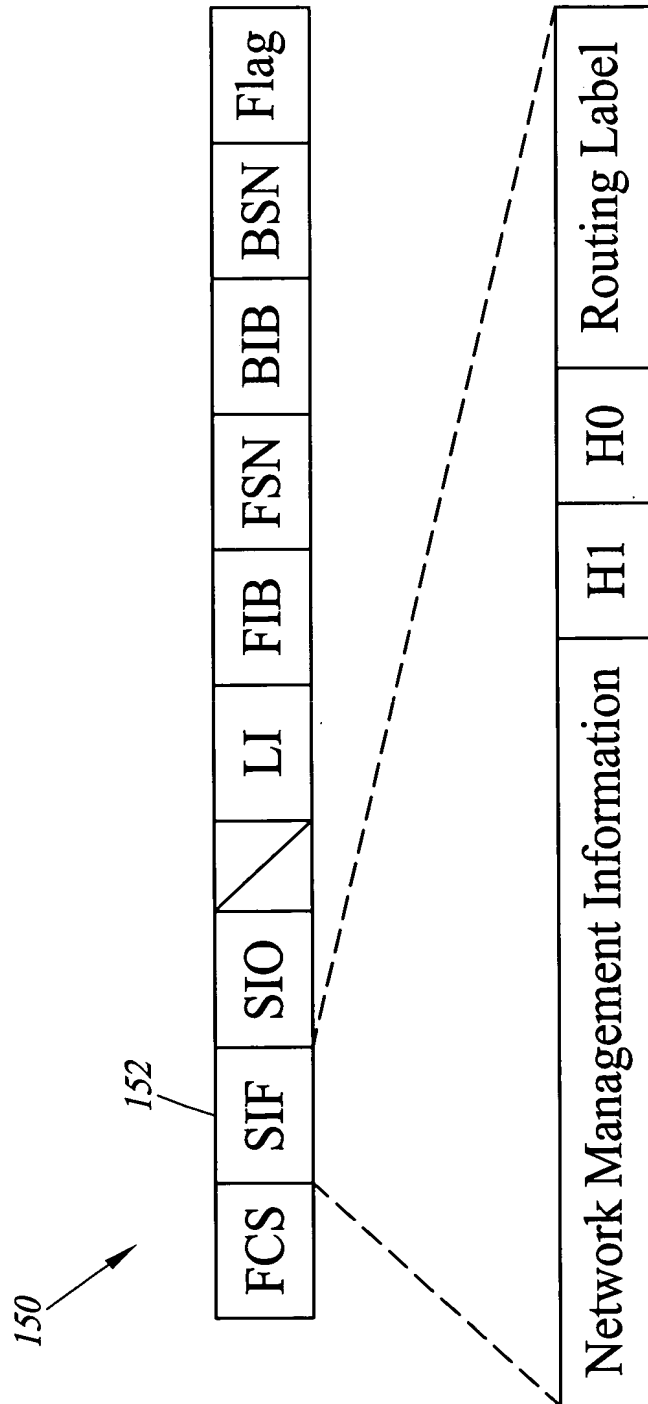


FIG. 2
(PRIOR ART)

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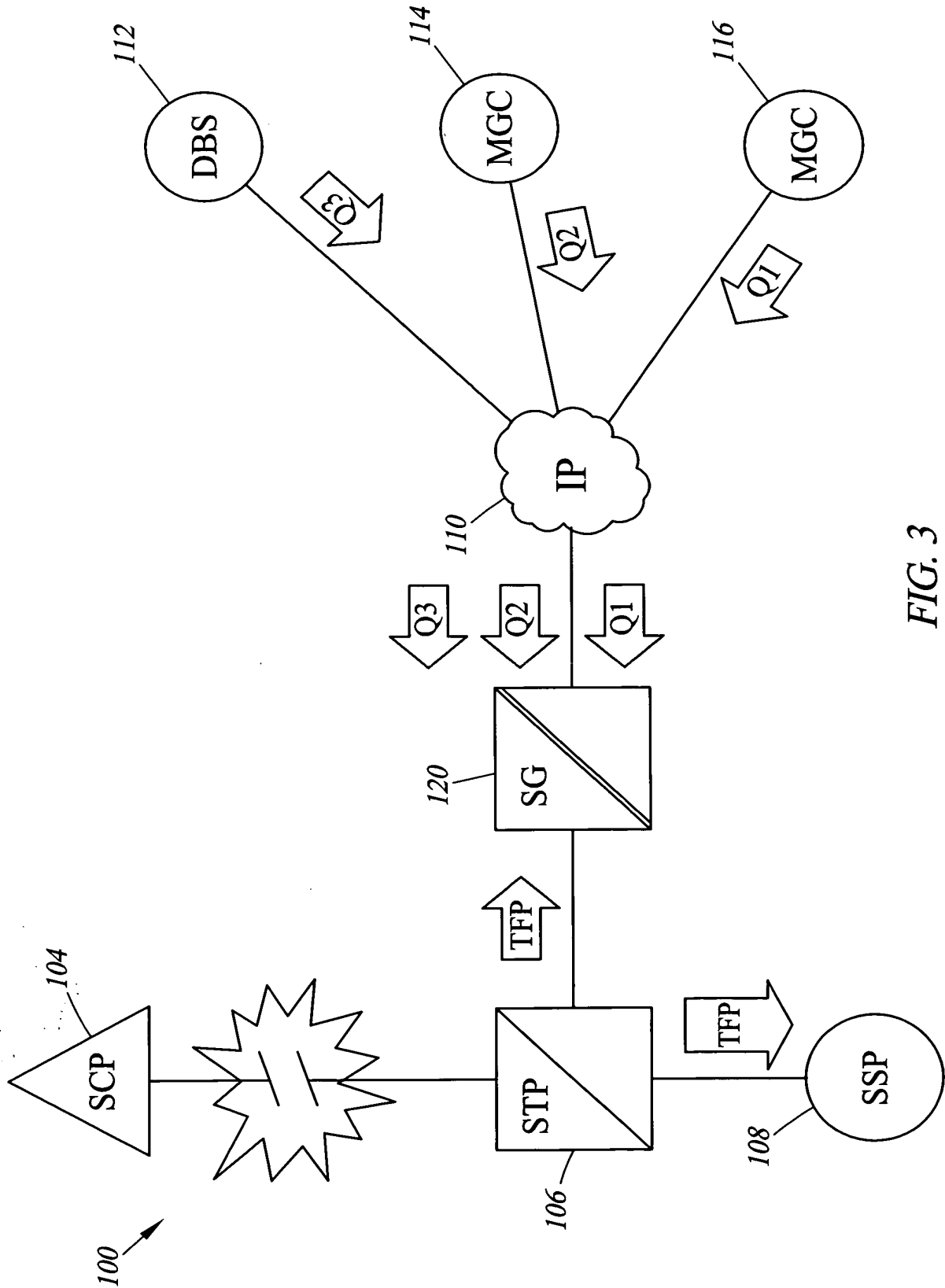


FIG. 3
(PRIOR ART)

FIG. 3 (PRIOR ART)

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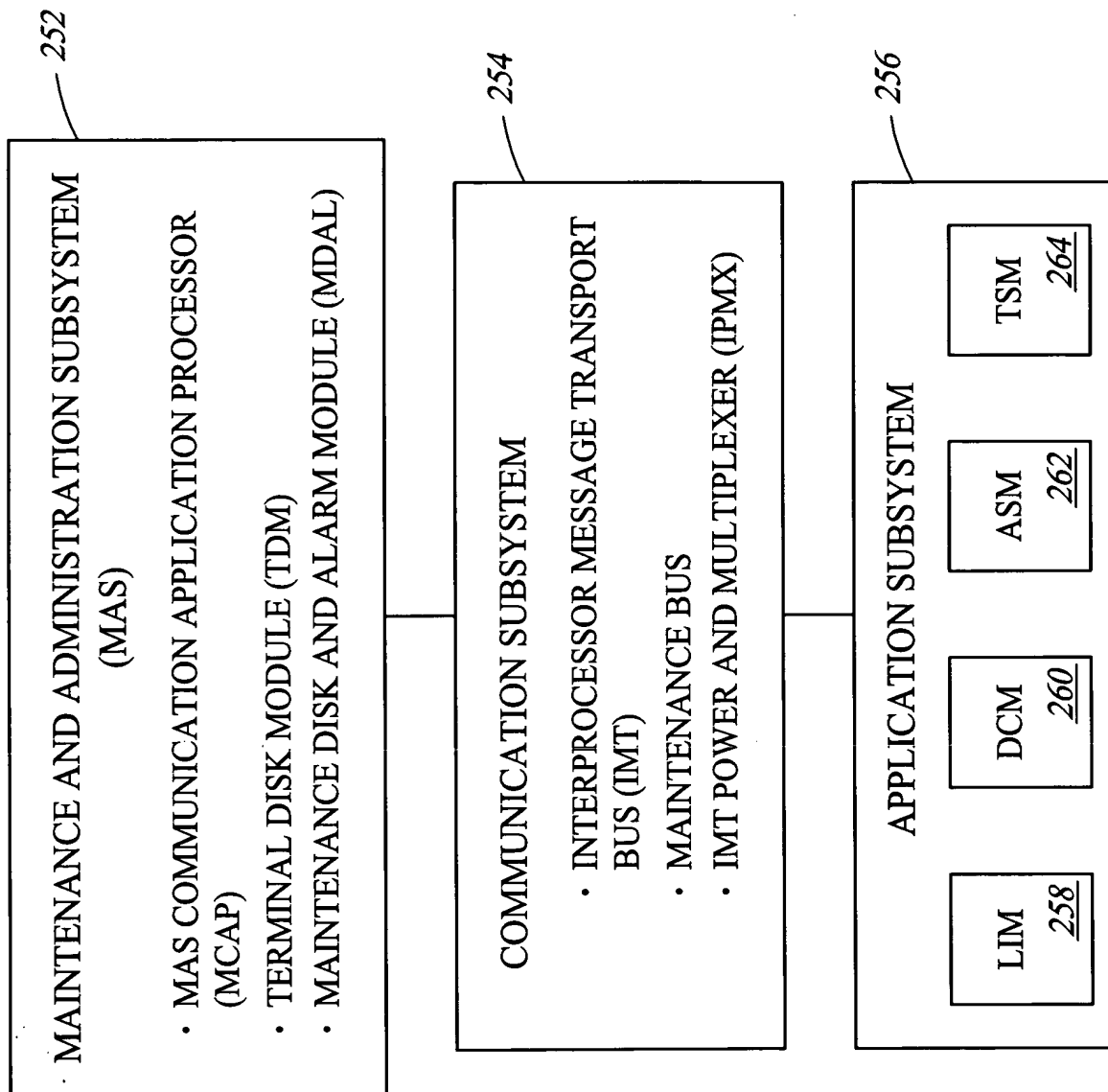


FIG. 4
(PRIOR ART)

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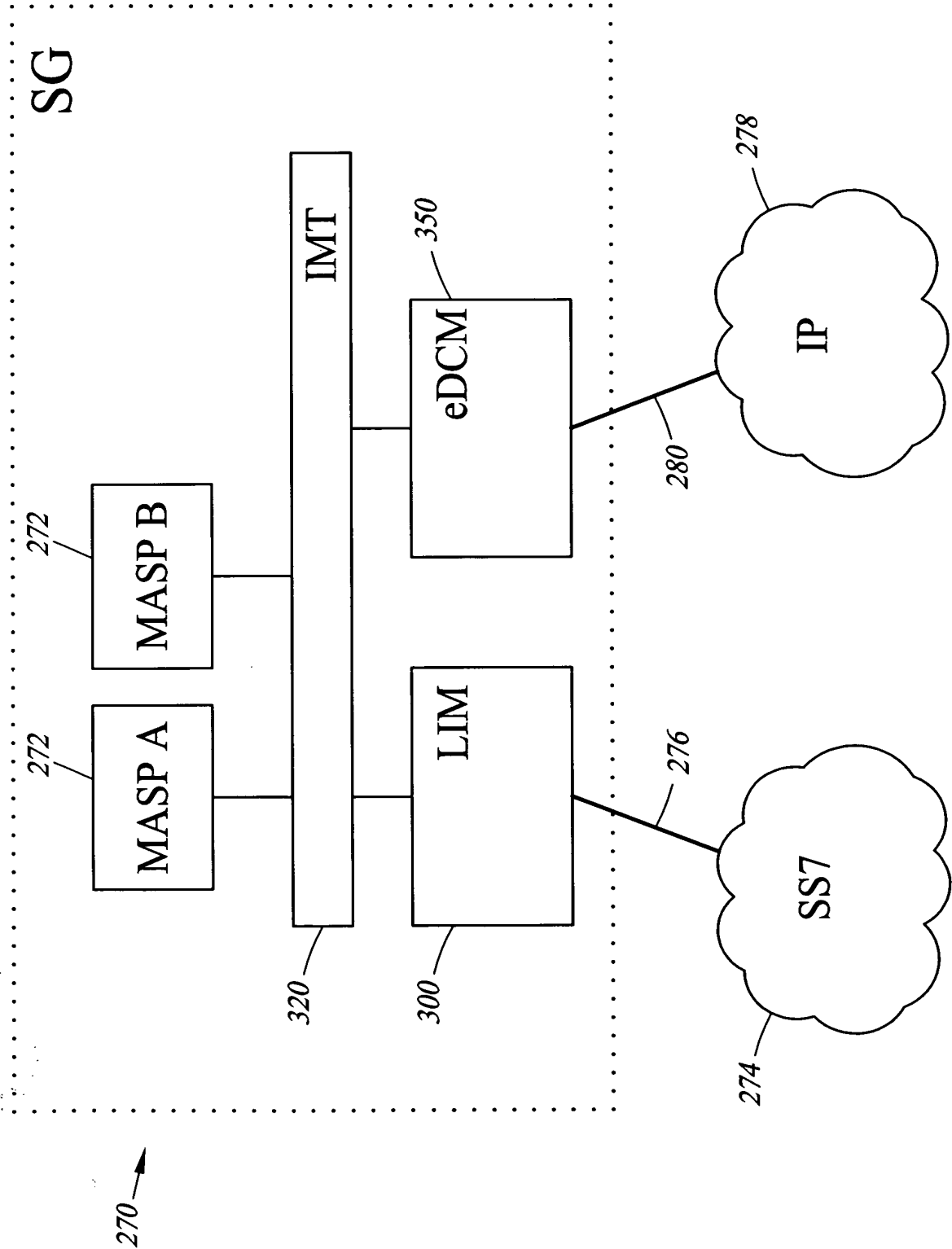


FIG. 5

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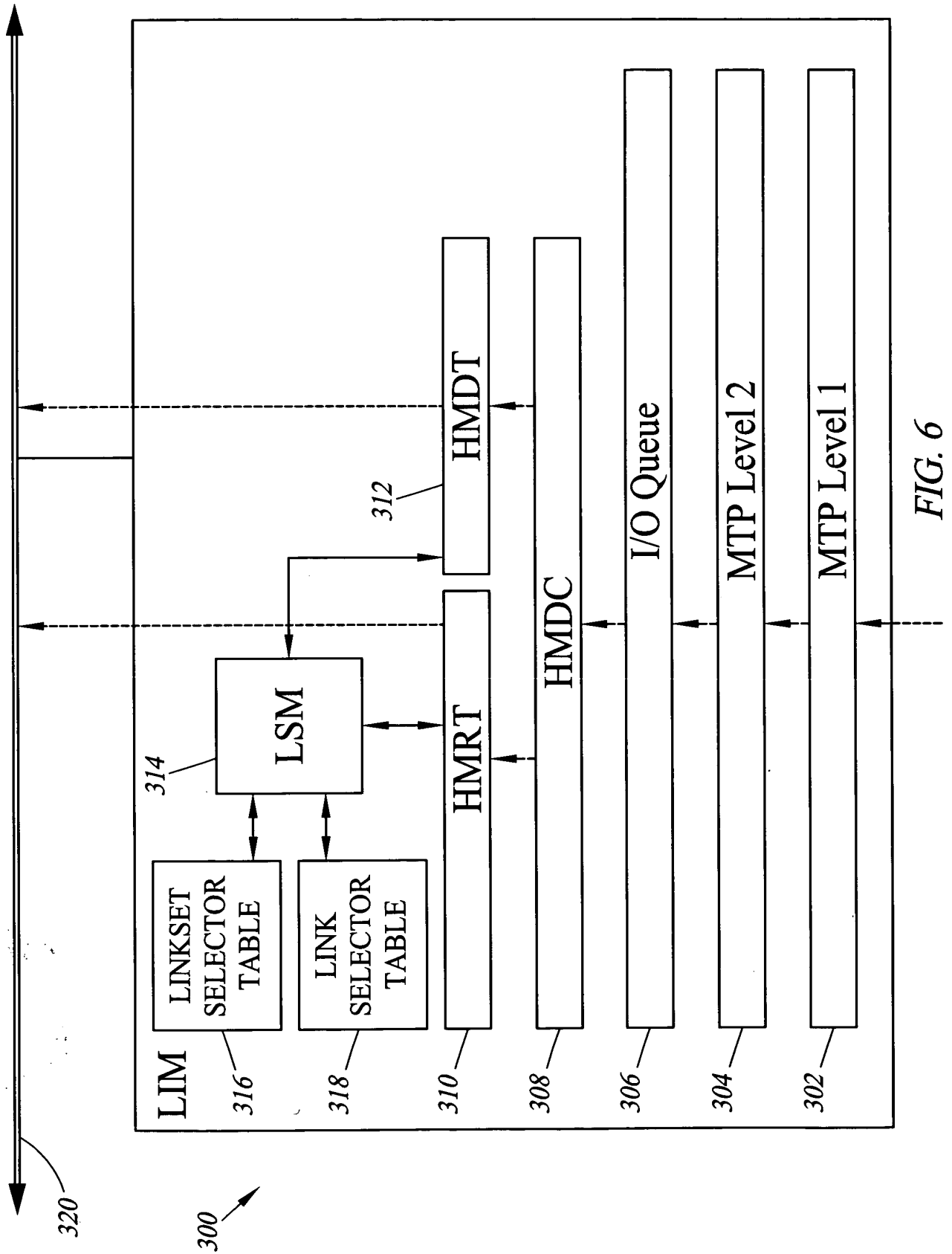


FIG. 6

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| LINKSET SELECTOR TABLE | | | | | | |
|------------------------|------------------------|----------------------------|-----------------------------|----------------------------|--------------------------|--|
| Key(s) | | | | | | |
| DATA FIELDS | | | | | | |
| 322 / DPC | 324 / ROUTE COST | 326 / LINKSET STATUS | 328 / ADJACENT STATUS | 330 / OVERALL STATUS | 332 / LINKSET NAME | |
| 6-1-1 | 10 | A | A | A | LS1 | |
| 6-1-1 | 20 | P | A | P | LS2 | |
| 6-1-1 | 30 | A | A | A | LS3 | |
| 7-1-1 | 10 | A | P | P | LS4 | |
| 7-1-1 | 20 | A | A | A | LS5 | |
| 7-1-1 | 30 | A | A | A | LS6 | |

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| LINK SELECTOR TABLE | | | | |
|--------------------------|---------------|--------------------------------|-------------------------|--|
| Key(s) | | | | |
| DATA FIELD | | | | |
| 336 / LINKSET NAME | 338 / LINK | 340 / IMT / CARD ADDRESS | 342 / LINK STATUS | |
| LS1 | 0 | 1305 | A | |
| LS1 | 1 | 1307 | A | |
| LS1 | 2 | 1305 | A | |
| LS2 | 0 | 1500 | U | |
| LS2 | 1 | 1505 | U | |
| LS2 | 2 | 2300 | U | |

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FIG. 7

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FIG. 8

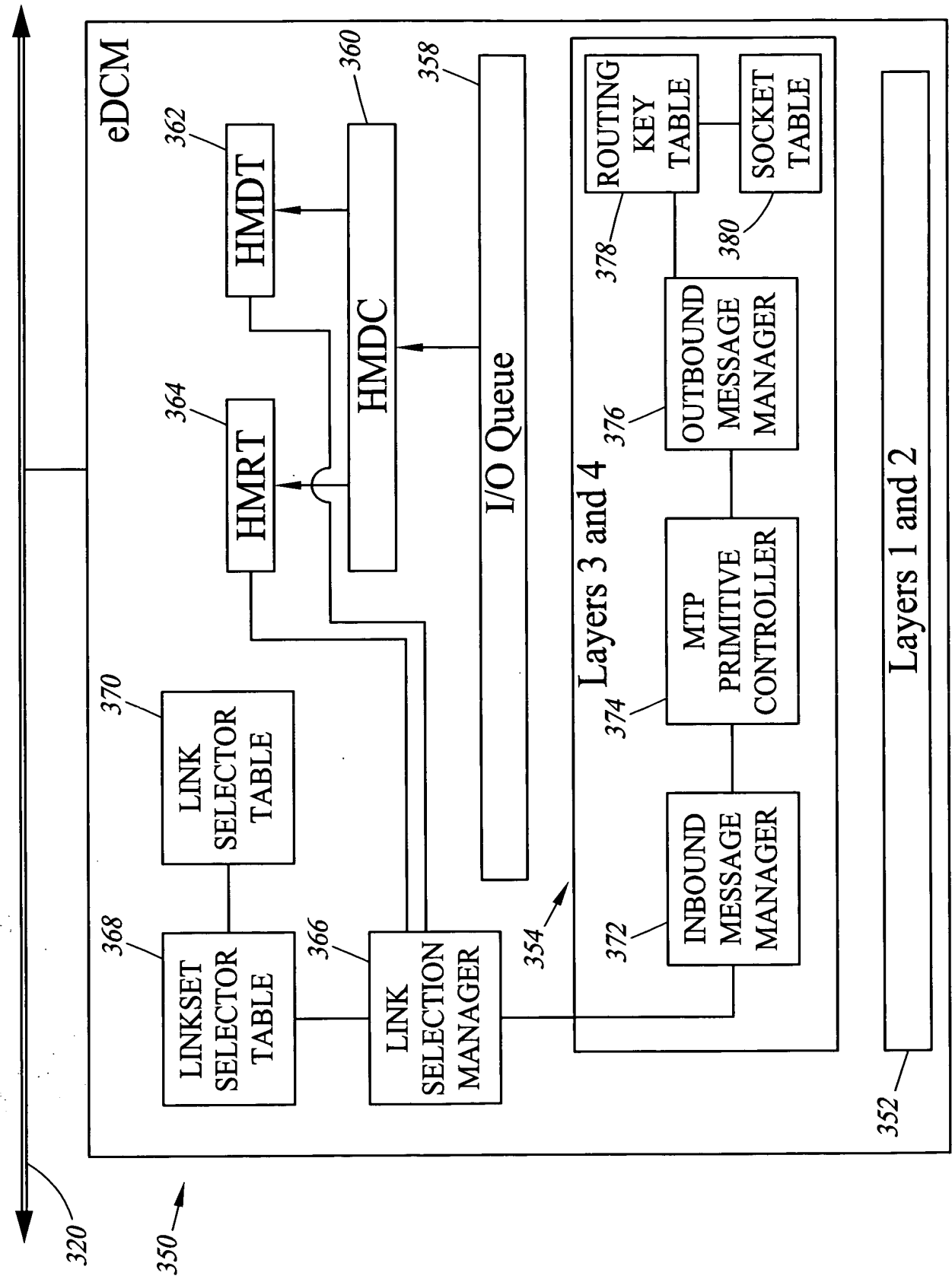


FIG. 8

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| Routing Key Table | | | | | | | | | |
|-------------------|------------|-----------|------------|------------|------------------|-------|-------|-------|-------|
| Key(s) | | | | | DATA FIELD | | | | |
| 382 DPC | 384 OPC | 386 SI | 388 CIC | 390 SSN | 392 SOCKET ID | | | | |
| | | | | | Sock1 | Sock2 | Sock3 | Sock4 | Sock5 |
| 3-1-1 | 6-1-1 | 3 | - | - | | | | | |
| 3-1-2 | 6-1-1 | 3 | - | - | | | | | |
| 3-1-3 | 6-1-1 | 3 | - | - | | | | | |
| 1-1-1 | 6-1-1 | 3 | - | - | | | | | |
| 1-1-1 | 6-1-1 | 3 | - | - | | | | | |
| 1-1-3 | 6-1-1 | 5 | 25 | - | | | | | |

FIG. 9

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| Socket Table | | | | | | |
|--------------|--------------|-------------|----------|------------|----------|------------------|
| DATA FIELDS | | | | | | |
| Key | SOCKET ID | Local | | Distant | | SOCKET STATUS |
| | | IP ADDRESS | TCP PORT | IP ADDRESS | TCP PORT | |
| | Sock1 | 10.10.10.10 | 24 | 10.10.10.1 | 24 | A |
| | Sock2 | 10.10.10.10 | 42 | 10.10.10.2 | 42 | A |
| | Sock3 | 10.10.10.10 | 12 | 10.10.10.3 | 12 | A |
| | Sock4 | 10.10.10.10 | 54 | 10.10.20.1 | 54 | A |
| | Sock5 | 10.10.10.10 | 16 | 10.10.20.2 | 16 | A |
| | Sock6 | 10.10.10.10 | 76 | 10.10.20.3 | 17 | U |

FIG. 10

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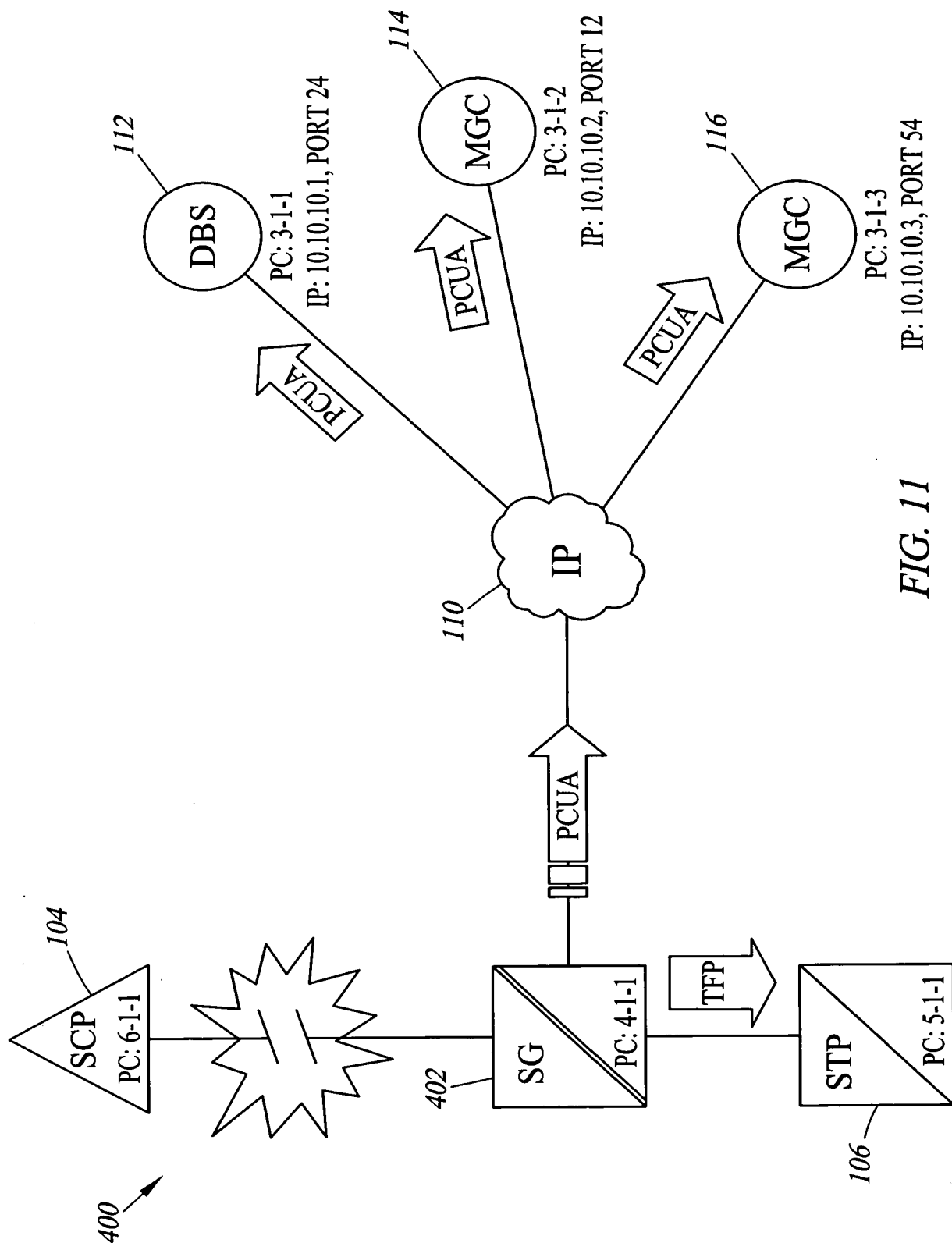


FIG. 11

TOP SECRET 650

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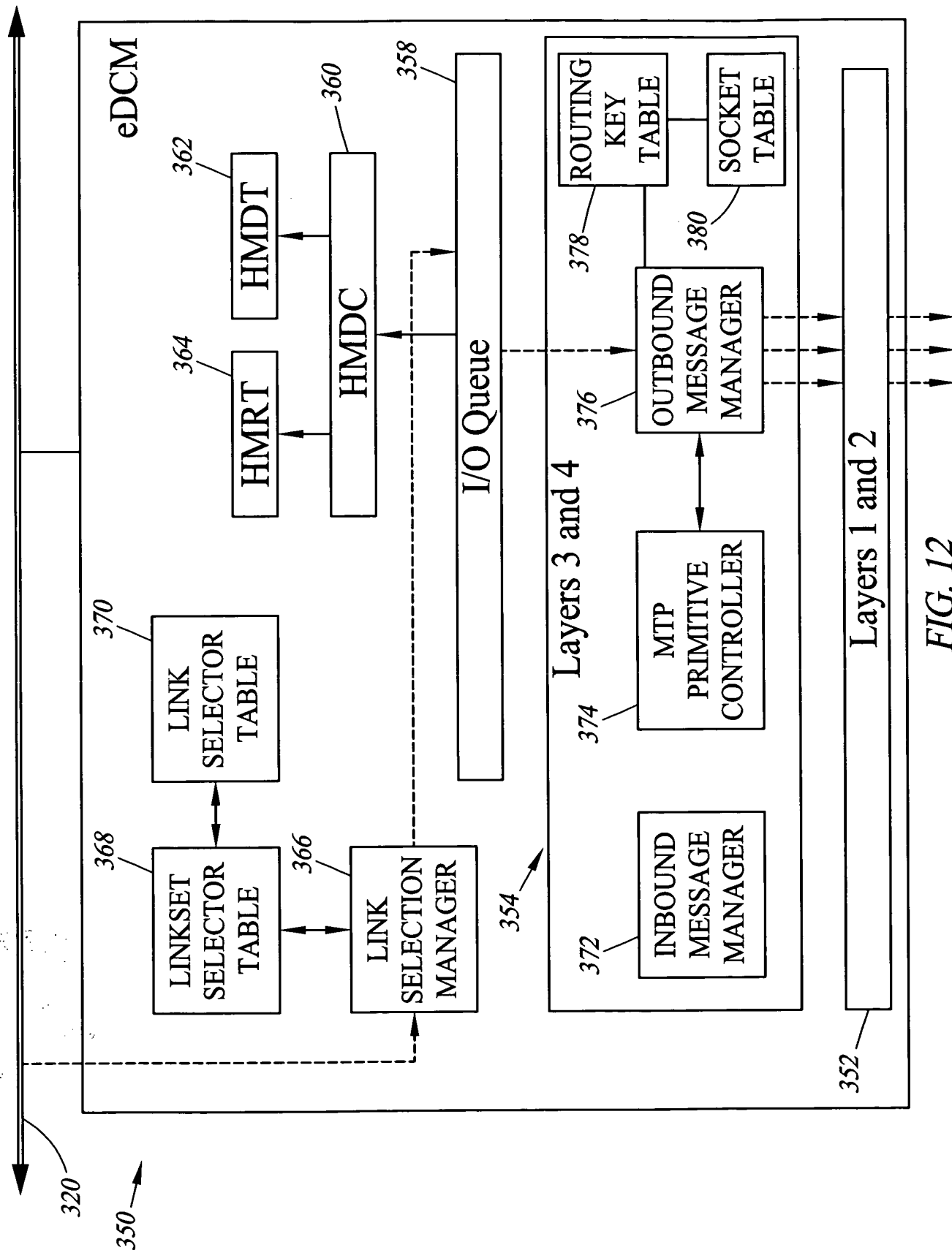


FIG. 12

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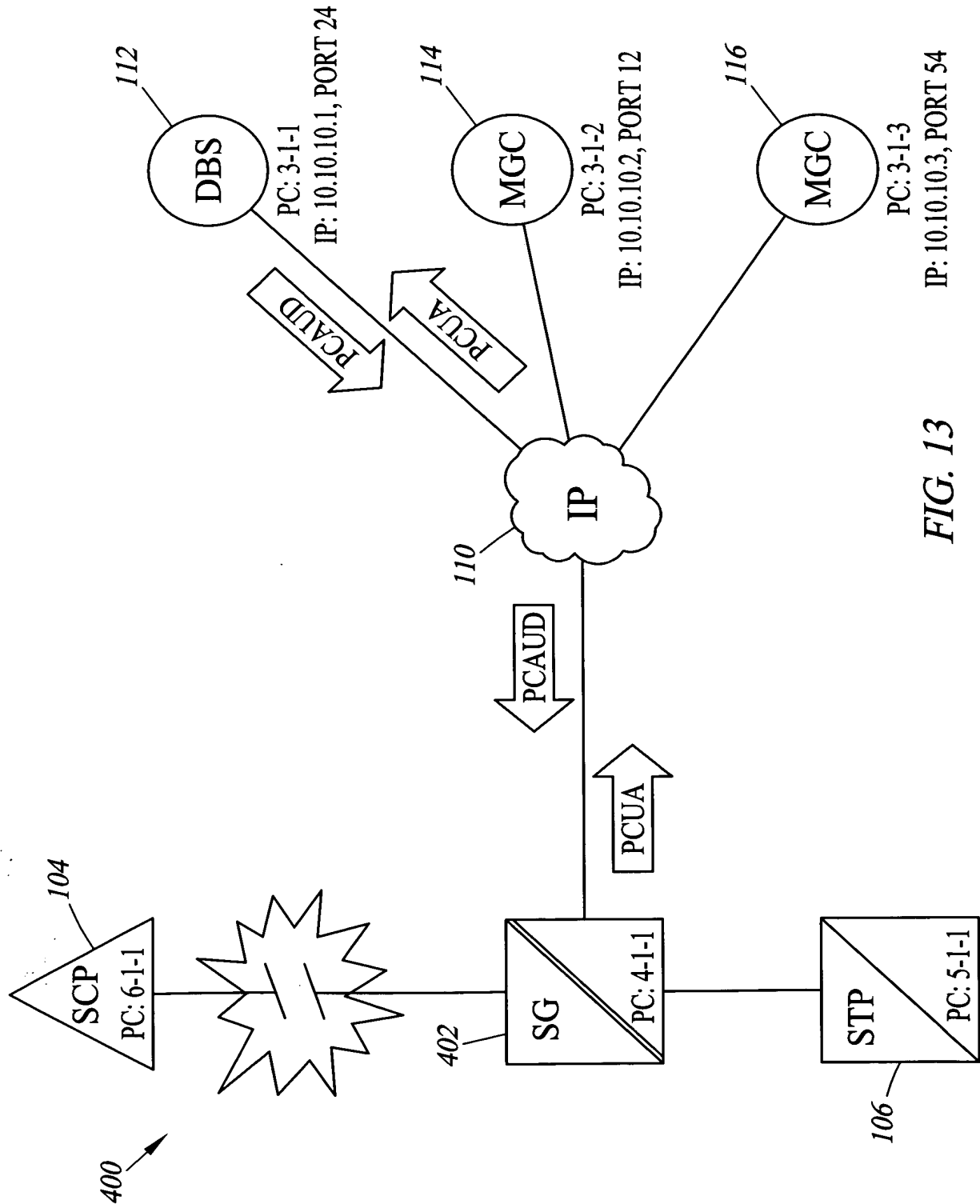


FIG. 13

FIG. 13

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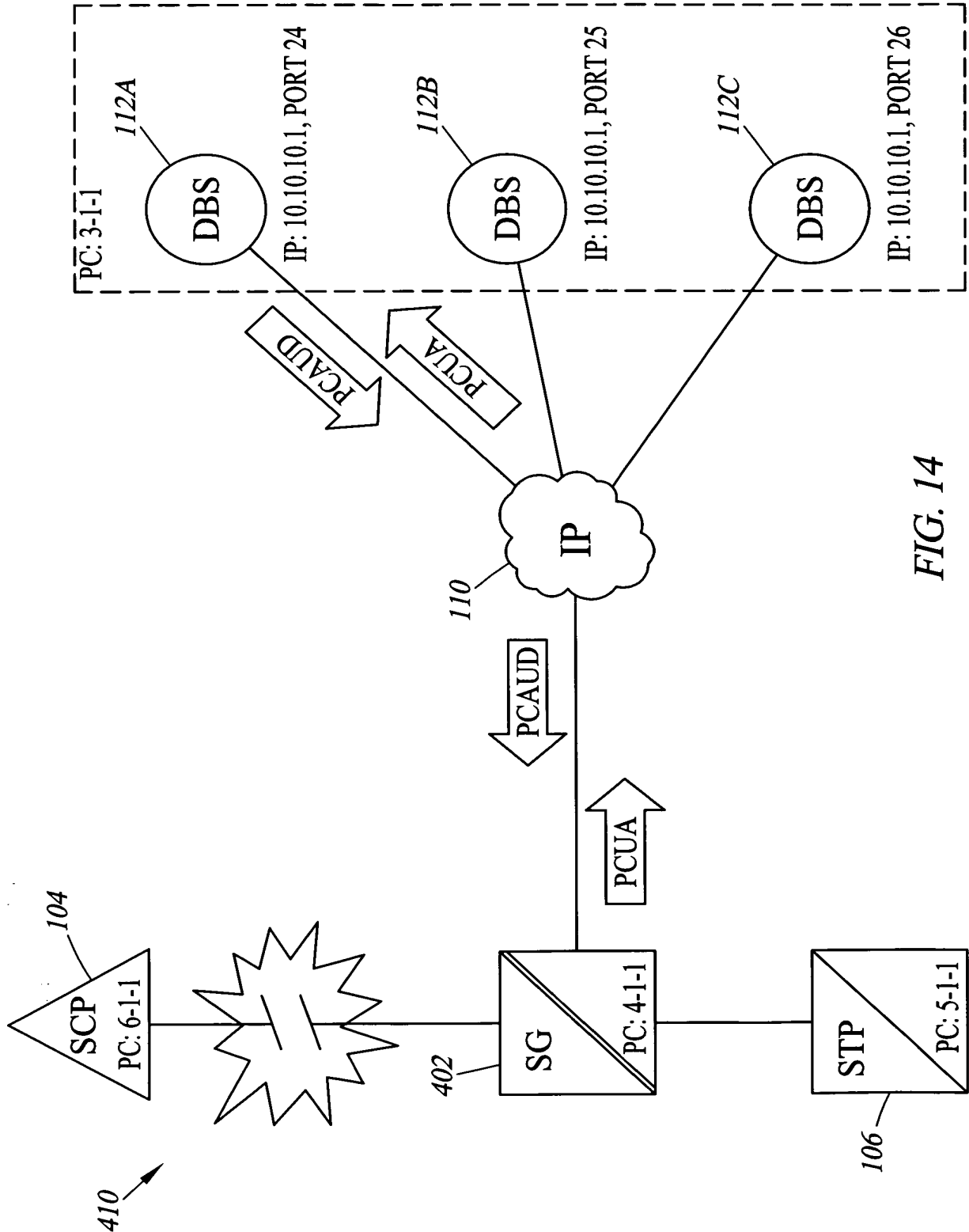


FIG. 14

FIG. 14

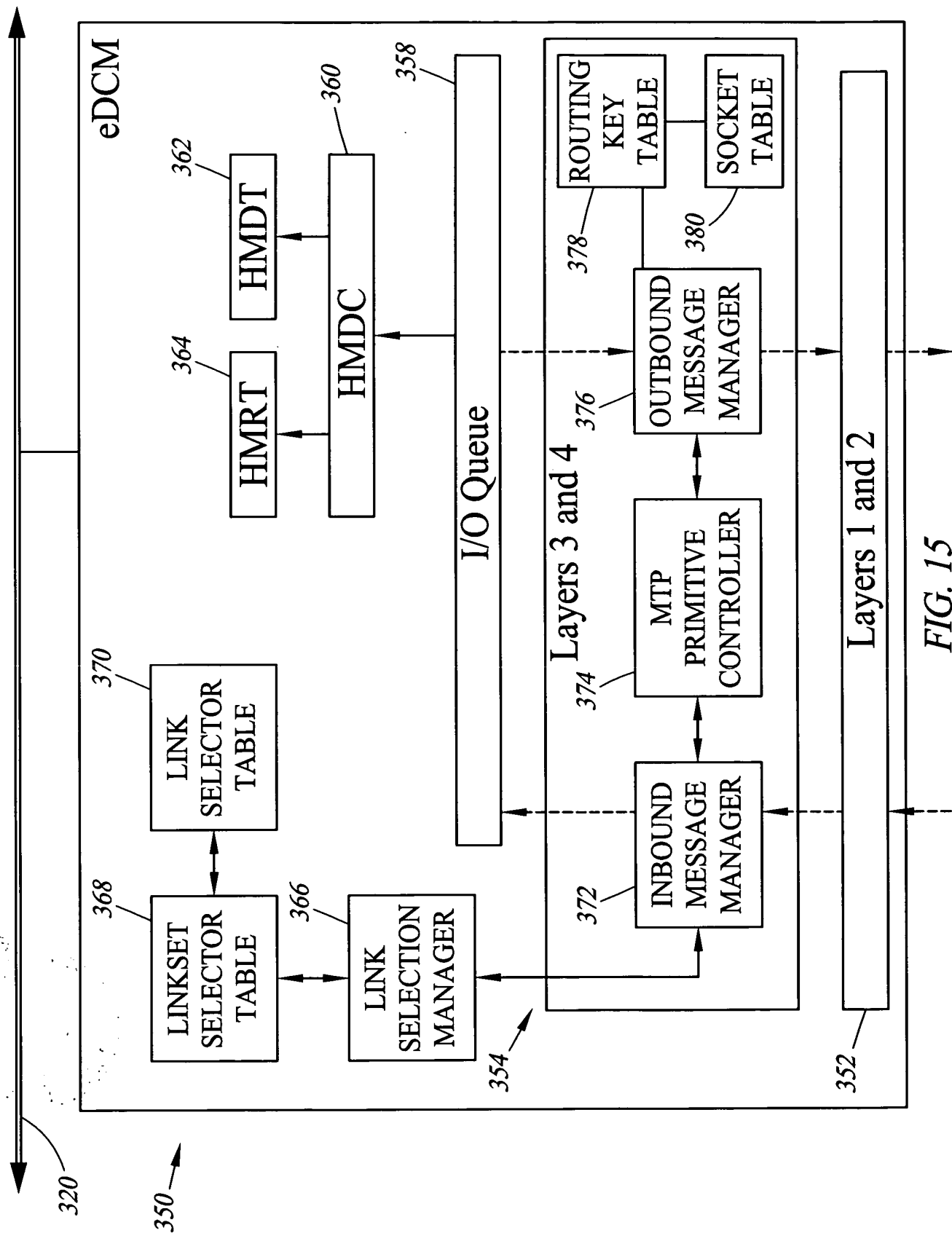


FIG. 15

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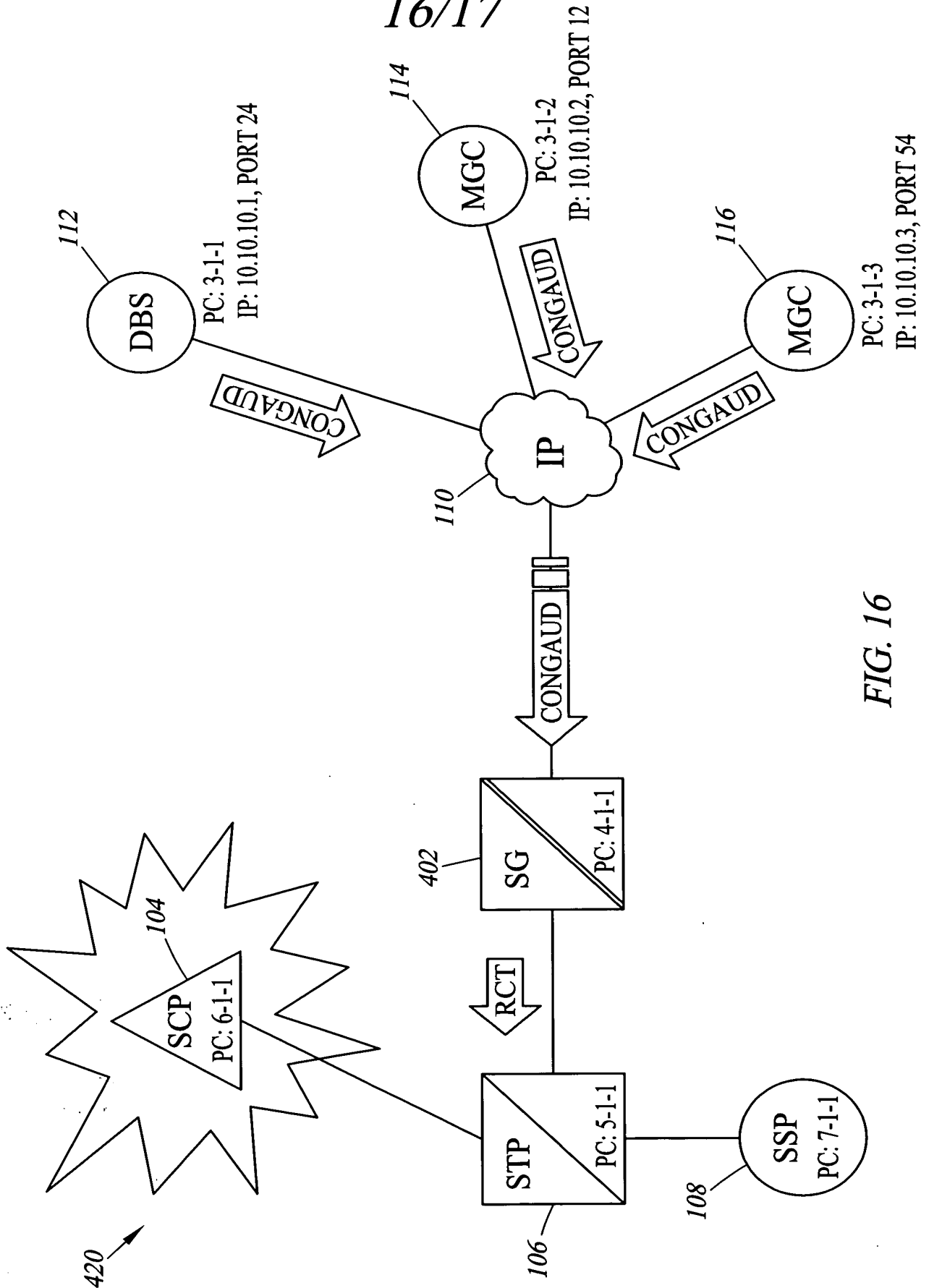


FIG. 16

FIG. 16

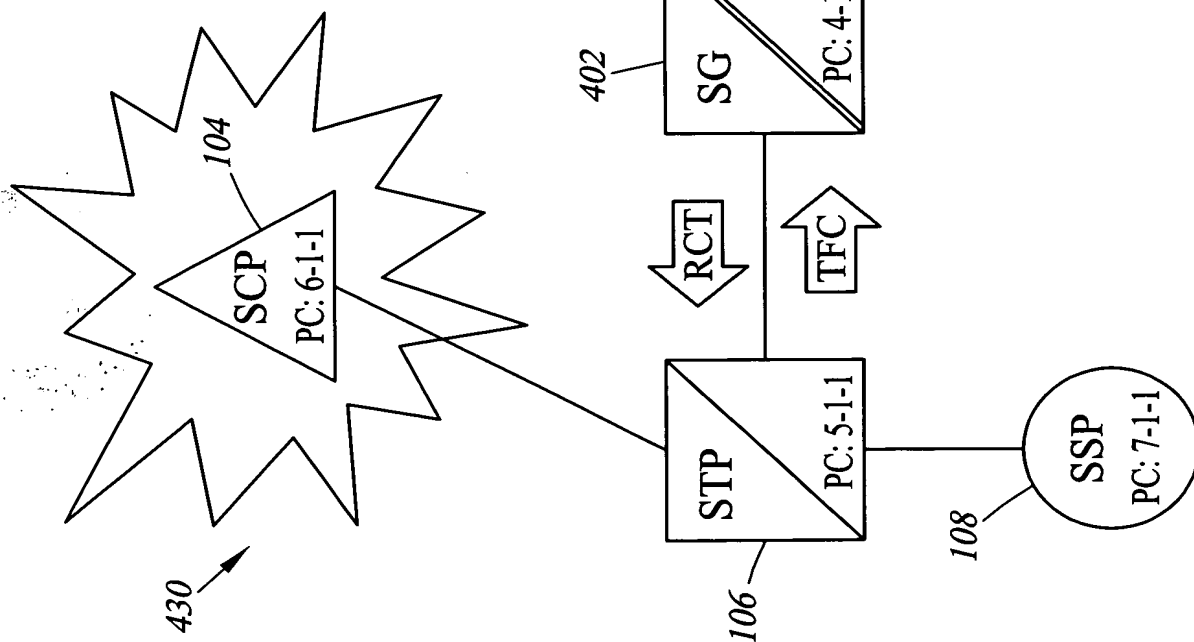


FIG. 17